# Original/Duplicate/Triplicate
# CONTRACT CERTIFICATE

SBRN = 99/14-15

No. ***First & Final*** (For Other Works) Date...../...../2014

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Byatarayanapura**

28/7/14

Bill Received No. 28/7/14 Dated Divisional Cash Book Voucher No..... Dated.....

Sub Divisional Work Code: **005-14-000032**

Schedule Docket No. Head of Account: P. 2654 110 village area Est.Cost: **45.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate): **Improvements to Road and Drains at Chokkanahalli Circle to Nanjareddy's House in ward No 05 Byatarayanapura Sub Division**

Name of Contractor and Full Address : *M/s Techinal manager,(West), KRIDL, BBMP, Bangalore.*

Reference to Agreement No. **EE/BTP/BBMP/KRIDL/W.O/371/2013-14** Date: 21.2.14

Certified that the measurements were taken by me on 28/7/14 and recorded of Pages 250223 to 238 of measurement Book No. 2503 and that the work is satisfactorily executed.

**Contractor** **Officer-in-charge of work**

Assistant Executive Engineer Byatarayanapura Sub-division KRIDL, BBMP, Bangalore

Certified that the measurement were taken by me on 28/7/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

**Sub-Division Officer**

II Memorandum of Payment

| | | |
|---|---|---|
| 1) Total value of work done or supplies made as per account within | | |
| 2) Deduct amount to be held in reserve being .....percent Rs..... | | |
| 3) " Balance | | |
| 4) Deduct Payment: | | |
| a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of | | |
| b) Payments Now made } cost store or other material supplied. | | |
| recovery of amount creditable to this/other work | | |
| Amount paid on this bill Cheque / Cash. | | |
| 5) Balance being unpaid value of work done held in reserve. | | |
| 6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments. | | |
| 7) Net amount due to or from Contractor unadjustments items. | | |
| 8) Advance to Contractor for materials brought to site (as detailed) within. | | |
| 9) Value of Government materials supplied. | | |
| Total amount adjusted - | | |

S & Final BRN 445211=
IT 89024
IST 178048
FSD 28329
WC 44572
CSP 4451
Roy 81977
FSC 30000
Total ded 690341=
Byatarayanapura 3760870=

Contractor's Signature

Assistant Executive Engineer Byatarayanapura Sub-division KRIDL, BBMP, Bangalore

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands) (For use in the Office)

Witness

1.

2.

Dated Signature of Contractor

Paid by me by Cheque No. Dated.....

Cash Rs.....

Dated.....

Stamp

445211=
690341=
3760870=

Assistant Executive Engineer Byatarayanapura Sub-division KRIDL, BBMP, Bangalore

**Executive Engineer**

**Initials of Officer making payment**

| Sl. No. | Descriptions | Unit |
|---|---|---|
| 1 | KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | cum |
| 2 | KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Cum |
| 3 | Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Sqm |
| 4 | KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Cum |
| 5 | KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | cum |
| 6 | KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Sqm |
| 7 | KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Sqm |
| 8 | KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix **M10** withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | cum |
| 9 | KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix **M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Cum |
| 10 | KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Qtl |
| 11 | KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Sqm |

| Previous Measurement | | Present Measurement | | | Total Upto Date | | Remarks |
|---|---|---|---|---|---|---|---|
| Qty. | Cost | Qty. | Rate Rs. P. | Amount | Qty | Cost | |
| - | - | 969.00 | 126.36 | 122442.84 | 969.00 | 122442.84 | |
| - | - | 653.31 | 227.88 | 148876.28 | 653.31 | 148876.28 | |
| - | - | 1617.00 | 343.44 | 555342.48 | 1617.00 | 555342.48 | |
| - | - | 15.80 | 4290.84 | 67795.27 | 15.80 | 67795.27 | |
| - | - | 29.16 | 3549.96 | 103516.83 | 29.16 | 103516.83 | |
| - | - | 24.30 | 4227.12 | 102719.02 | 24.30 | 102719.02 | |
| - | - | 64.07 | 244.08 | 15638.21 | 64.07 | 15638.21 | |
| - | - | 8.64 | 4737.96 | 40935.97 | 8.64 | 40935.97 | |
| | | 20.49 | 5639.76 | 115558.68 | 20.49 | 115558.68 | |
| | | 19.47 | 7380.72 | 143702.62 | 19.47 | 143702.62 | |
| | | 54.00 | 79.92 | 4315.68 | 54.00 | 4315.68 | |

| | | |
|---|---|---|
| 12 | KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Cum |
| 13 | KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen mixed with diesel at 10 kg per 10 sqm heated in bitumen boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specificationsDo-Medium Porosity MORTH chapter 5, with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Sqm |
| 14 | KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Cum |
| 15 | Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Sqm |
| 16 | Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km with all lead and lift etc complete as per specifications and directions of engineer in charge of the work. | Cum |
| | **Total Amount** | |
| | Add 1% Third party QC Charges | |
| | Add 10% KRIDL Charges and | |
| | Add 1% Labour Cess | |
| | **Net Total** | |

**CERTIFICATE**

1. Certified that the above work done satisfactory and no materials issued from departmentally.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 646.00 | 1121.04 | 724191.84 | 646.00 | 724191.84 | |
| | | 3230.00 | 100.60 | 324938.00 | 3230.00 | 324938.00 | |
| | | 80.75 | 9631.44 | 777738.78 | 80.75 | 777738.78 | |
| | | 460.80 | 1427.15 | 657630.72 | 460.80 | 657630.72 | |
| | | 1622.31 | 67.32 | 109213.91 | 1622.31 | 109213.91 | |
| | | | | **4014557.00** | 4014557.00 | **4014557.00** | |
| | | | | 40146.00 | | 40146.00 | |
| | | | | 401456.00 | | 401456.00 | |
| | | | | 40146.00 | | 40146.00 | |
| | | | | **4496305.00** | | **4496305.00** | |

4496305.00

4496305.00

Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore